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August 1, 2003
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NEWS 7 AUG 18 Simultaneous left and right truncation added to PASCAL
NEWS 8 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right
Truncation
NEWS 9 AUG 18 Simultaneous left and right truncation added to ANABSTR
NEWS 10 SEP 22 DIPPR file reloaded
NEWS 11 SEP 25 INPADOC: Legal Status data to be reloaded
NEWS 12 SEP 29 DISSABS now available on STN
NEWS 13 OCT 10 PCTFULL: Two new display fields added
NEWS 14 OCT 21 BIOSIS file reloaded and enhanced
NEWS 15 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced

NEWS EXPRESS NOVEMBER 14 CURRENT WINDOWS VERSION IS V6.01c, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:58:30 ON 24 NOV 2003

=> file polymers

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

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FILE 'WTEXTILES' ENTERED AT 10:58:43 ON 24 NOV 2003

=> s hypertrop?

L1 137326 HYPERTROP?

=> s l1 and myocardial

L2 26539 L1 AND MYOCARDIAL

=> s l2 and treat?

19 FILES SEARCHED...

L3 9880 L2 AND TREAT?

=> s l3 and (calcium(w)channel or beta(w)blocker or i(w)channel)

13 FILES SEARCHED...

19 FILES SEARCHED...

L4 1370 L3 AND (CALCIUM(W) CHANNEL OR BETA(W) BLOCKER OR I(W) CHANNEL)

=> s l4 and pharmaceutical

L5 804 L4 AND PHARMACEUTICAL

=> s l5 and (zatebradine or cilobradine or alinidine)

L6 3 L5 AND (ZATEBRADINE OR CILOBRADINE OR ALINIDINE)

=> dis l6 1-3 bib abs

L6 ANSWER 1 OF 3 USPATFULL on STN

AN 2003:106216 USPATFULL

TI NOVEL **CALCIUM CHANNEL** DRUGS AND USES

IN JI, YU-HUA, REDWOOD CITY, CA, UNITED STATES

NATARAJAN, MAYA, SAN DIEGO, CA, UNITED STATES

GRIFFIN, JOHN H., ATHERTON, CA, UNITED STATES

JENKINS, THOMAS E., LAHONDA, CA, UNITED STATES

PI US 2003073127 A1 20030417

AI US 1999-456429 A1 19991208 (9)

RLI Continuation-in-part of Ser. No. US 1999-325557, filed on 4 Jun 1999, ABANDONED

PRAI US 1998-88465P 19980608 (60)

US 1998-93068P 19980716 (60)

US 1998-103866P 19981012 (60)

DT Utility

FS APPLICATION

LREP THERAVANCE, INC., 901 GATEWAY BOULEVARD, SOUTH SAN FRANCISCO, CA, 94080

CLMN Number of Claims: 51

ECL Exemplary Claim: 1

DRWN 26 Drawing Page(s)

LN.CNT 5977

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Novel multibinding compounds are disclosed. The compounds of this invention comprise 2-10 ligands covalently connected, each of the ligands being capable of binding to a ligand binding site in a Ca.sup.++ channel , thereby modulating the biological activities thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 2 OF 3 USPATFULL on STN

AN 2003:65352 USPATFULL

TI Heart homing conjugates

IN Ruoslahti, Erkki, Rancho Santa Fe, CA, UNITED STATES

MacKenna, Deidre A., San Diego, CA, UNITED STATES

PA The Burnham Institute (U.S. corporation)

PI US 2003045476 A1 20030306

AI US 2001-910582 A1 20010720 (9)

RLI Division of Ser. No. US 1999-326718, filed on 7 Jun 1999, GRANTED, Pat. No. US 6303573

DT Utility

FS APPLICATION
 LREP CAMPBELL & FLORES LLP, 4370 LA JOLLA VILLAGE DRIVE, 7TH FLOOR, SAN
 DIEGO, CA, 92122
 CLMN Number of Claims: 34
 ECL Exemplary Claim: 1
 DRWN 2 Drawing Page(s)
 LN.CNT 1553
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB The present invention provides a heart homing peptide that contains the
 amino acid sequence GGGVFWQ (SEQ ID NO: 2); HGRVRPH (SEQ ID NO: 3);
 VVLVTSS (SEQ ID NO: 4); CLHRGNSC (SEQ ID NO: 9); or CRSWNKADNRSC (SEQ ID
 NO: 10) and further provides conjugates in which a heart homing peptide
 is linked to a moiety such as a therapeutic agent. The conjugates of the
 invention are useful for **treating** cardiovascular diseases such
 as atherosclerosis and restenosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 3 OF 3 USPATFULL on STN
 AN 2001:179068 USPATFULL
 TI Heart homing peptides and methods of using same
 IN Ruoslahti, Erkki, Rancho Santa Fe, CA, United States
 MacKenna, Deidre A., San Diego, CA, United States
 PA The Burnham Institute, La Jolla, CA, United States (U.S. corporation)
 PI US 6303573 B1 20011016
 AI US 1999-326718 19990607 (9)
 DT Utility
 FS GRANTED
 EXNAM Primary Examiner: Davenport, Avis M.
 LREP Campbell & Flores LLP
 CLMN Number of Claims: 27
 ECL Exemplary Claim: 1
 DRWN 4 Drawing Figure(s); 2 Drawing Page(s)
 LN.CNT 1532
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB The present invention provides a heart homing peptide that contains the
 amino acid sequence GGGVFWQ (SEQ ID NO: 2); HGRVRPH (SEQ ID NO: 3);
 VVLVTSS (SEQ ID NO: 4); CLHRGNSC (SEQ ID NO: 9); or CRSWNKADNRSC (SEQ ID
 NO: 10) and further provides conjugates in which a heart homing peptide
 is linked to a moiety such as a therapeutic agent. The conjugates of the
 invention are useful for **treating** cardiovascular diseases such
 as atherosclerosis and restenosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> dis hist

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FILE 'APOLLIT, BABS, CAPLUS, CBNB, CEN, CIN, DISSABS, EMA, IFIPAT,
 JICST-EPLUS, PASCAL, PLASNEWS, PROMT, RAPRA, SCISEARCH, TEXTILETECH,
 USPATFULL, USPAT2, WPINDEX, WTEXTILES' ENTERED AT 10:58:43 ON 24 NOV 2003

L1 137326 S HYPERTROP?
 L2 26539 S L1 AND MYOCARDIAL
 L3 9880 S L2 AND TREAT?
 L4 1370 S L3 AND (CALCIUM(W)CHANNEL OR BETA(W)BLOCKER OR I(W)CHANNEL)
 L5 804 S L4 AND PHARMACEUTICAL
 L6 3 S L5 AND (ZATEBRADINE OR CILOBRADINE OR ALINIDINE)

=> file medline, embase, biosis

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
71.21	71.42

FULL ESTIMATED COST

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=> s l1 and l2 and l3 and l4 and l5 and l6

2 FILES SEARCHED...

L7 0 L1 AND L2 AND L3 AND L4 AND L5 AND L6

=> file polymers

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

2.38

73.80

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=> s l3 and (zatebradine or cilobradine or alinidine)
L8 5 L3 AND (ZATEBRADINE OR CILOBRADINE OR ALINIDINE)

=> dis l8 1-5 bib abs

L8 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:780659 CAPLUS
DN 135:335152
TI Use of bradycardiac substances in the **treatment** of
myocardial diseases associated with **hypertrophy** and
novel drug combinations
IN Daemmgen, Juergen; Guth, Brian; Seidler, Randolph
PA Boehringer Ingelheim Pharma K.-G., Germany
SO PCT Int. Appl., 13 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001078699	A2	20011025	WO 2001-EP4034	20010407
	WO 2001078699	A3	20020620		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	DE 10018401	A1	20011025	DE 2000-10018401	20000413
	EP 1276476	A2	20030122	EP 2001-949281	20010407
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
	BR 2001009996	A	20030527	BR 2001-9996	20010407
	BG 107103	A	20030430	BG 2002-107103	20020913
	NO 2002004924	A	20021011	NO 2002-4924	20021011
PRAI	DE 2000-10018401	A	20000413		
	WO 2001-EP4034	W	20010407		
AB	The invention relates to a novel use of bradycardiac substances such as a Ca++ channel blocker, beta-receptor blockers or if channel blockers, the if channel blockers being preferred. The substances are optionally used				

in combination with a cardio-active substance for inducing the regression of **myocardial** diseases associated with **hypertrophy**, in particular for **treating** idiopathic **hypertrophic** cardiomyopathies (HCM) in humans and domestic animals. Thus 1.25 mg **cilobradine** was encapsulated in capsules that were prepared from 82.75 mg lactose monohydrate and 55.3 mg corn starch.

L8 ANSWER 2 OF 5 USPATFULL on STN
AN 2003:106216 USPATFULL
TI NOVEL CALCIUM CHANNEL DRUGS AND USES
IN JI, YU-HUA, REDWOOD CITY, CA, UNITED STATES
NATARAJAN, MAYA, SAN DIEGO, CA, UNITED STATES
GRIFFIN, JOHN H., ATHERTON, CA, UNITED STATES
JENKINS, THOMAS E., LAHONDA, CA, UNITED STATES
PI US 2003073127 A1 20030417
AI US 1999-456429 A1 19991208 (9)
RLI Continuation-in-part of Ser. No. US 1999-325557, filed on 4 Jun 1999, ABANDONED
PRAI US 1998-88465P 19980608 (60)
US 1998-93068P 19980716 (60)
US 1998-103866P 19981012 (60)
DT Utility
FS APPLICATION
LREP THERAVANCE, INC., 901 GATEWAY BOULEVARD, SOUTH SAN FRANCISCO, CA, 94080
CLMN Number of Claims: 51
ECL Exemplary Claim: 1
DRWN 26 Drawing Page(s)
LN.CNT 5977

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Novel multibinding compounds are disclosed. The compounds of this invention comprise 2-10 ligands covalently connected, each of the ligands being capable of binding to a ligand binding site in a Ca.sup.++ channel, thereby modulating the biological activities thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 3 OF 5 USPATFULL on STN
AN 2003:65352 USPATFULL
TI Heart homing conjugates
IN Ruoslahti, Erkki, Rancho Santa Fe, CA, UNITED STATES
MacKenna, Deidre A., San Diego, CA, UNITED STATES
PA The Burnham Institute (U.S. corporation)
PI US 2003045476 A1 20030306
AI US 2001-910582 A1 20010720 (9)
RLI Division of Ser. No. US 1999-326718, filed on 7 Jun 1999, GRANTED, Pat. No. US 6303573
DT Utility
FS APPLICATION
LREP CAMPBELL & FLORES LLP, 4370 LA JOLLA VILLAGE DRIVE, 7TH FLOOR, SAN DIEGO, CA, 92122
CLMN Number of Claims: 34
ECL Exemplary Claim: 1
DRWN 2 Drawing Page(s)
LN.CNT 1553

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides a heart homing peptide that contains the amino acid sequence GGGVFWQ (SEQ ID NO: 2); HGRVRPH (SEQ ID NO: 3); VVLVTSS (SEQ ID NO: 4); CLHRGNSC (SEQ ID NO: 9); or CRSWNKADNRSC (SEQ ID NO: 10) and further provides conjugates in which a heart homing peptide is linked to a moiety such as a therapeutic agent. The conjugates of the invention are useful for **treating** cardiovascular diseases such as atherosclerosis and restenosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 4 OF 5 USPATFULL on STN
 AN 2001:179068 USPATFULL
 TI Heart homing peptides and methods of using same
 IN Ruoslahti, Erkki, Rancho Santa Fe, CA, United States
 MacKenna, Deidre A., San Diego, CA, United States
 PA The Burnham Institute, La Jolla, CA, United States (U.S. corporation)
 PI US 6303573 B1 20011016
 AI US 1999-326718 19990607 (9)
 DT Utility
 FS GRANTED
 EXNAM Primary Examiner: Davenport, Avis M.
 LREP Campbell & Flores LLP
 CLMN Number of Claims: 27
 ECL Exemplary Claim: 1
 DRWN 4 Drawing Figure(s); 2 Drawing Page(s)
 LN.CNT 1532
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB The present invention provides a heart homing peptide that contains the amino acid sequence GGGVFWQ (SEQ ID NO: 2); HGRVRPH (SEQ ID NO: 3); VVLVTSS (SEQ ID NO: 4); CLHRGNSC (SEQ ID NO: 9); or CRSWNKADNRSC (SEQ ID NO: 10) and further provides conjugates in which a heart homing peptide is linked to a moiety such as a therapeutic agent. The conjugates of the invention are useful for **treating** cardiovascular diseases such as atherosclerosis and restenosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 5 OF 5 WPINDEX COPYRIGHT 2003 THOMSON DERWENT on STN
 AN 2002-011919 [02] WPINDEX
 DNC C2002-003158
 TI Medicament for **treating hypertrophy**-related **myocardial** disease, containing bradycardic agent, preferably **cilobradine**, and optionally another cardiac drug.
 DC B02
 IN DAEMMGEN, J; GUTH, B; SEIDLER, R
 PA (BOEH) BOEHRINGER INGELHEIM PHARMA KG; (BOEH) BOEHRINGER INGELHEIM PHARMA GMBH & CO KG
 CYC 96
 PI DE 10018401 A1 20011025 (200202)* 5p
 WO 2001078699 A2 20011025 (200202) DE
 RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ
 NL OA PT SD SE SL SZ TR TZ UG ZW
 W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK
 DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
 LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD
 SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
 AU 2001070484 A 20011030 (200219)
 NO 2002004924 A 20021011 (200304)
 EP 1276476 A2 20030122 (200308) DE
 R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT
 RO SE SI TR
 SK 2002001458 A3 20030304 (200321)
 KR 2002089453 A 20021129 (200322)
 CZ 2002003752 A3 20030312 (200324)
 BR 2001009996 A 20030527 (200344)
 CN 1422153 A 20030604 (200356)
 HU 2003000917 A2 20030828 (200363)
 ADT DE 10018401 A1 DE 2000-10018401 20000413; WO 2001078699 A2 WO 2001-EP4034
 20010407; AU 2001070484 A AU 2001-70484 20010407; NO 2002004924 A WO
 2001-EP4034 20010407, NO 2002-4924 20021011; EP 1276476 A2 EP 2001-949281
 20010407, WO 2001-EP4034 20010407; SK 2002001458 A3 WO 2001-EP4034
 20010407, SK 2002-1458 20010407; KR 2002089453 A KR 2002-713688 20021011;
 CZ 2002003752 A3 WO 2001-EP4034 20010407, CZ 2002-3752 20010407; BR
 2001009996 A BR 2001-9996 20010407, WO 2001-EP4034 20010407; CN 1422153 A
 CN 2001-807959 20010407; HU 2003000917 A2 WO 2001-EP4034 20010407, HU

2003-917 20010407
FDT AU 2001070484 A Based on WO 2001078699; EP 1276476 A2 Based on WO 2001078699; SK 2002001458 A3 Based on WO 2001078699; CZ 2002003752 A3 Based on WO 2001078699; BR 2001009996 A Based on WO 2001078699; HU 2003000917 A2 Based on WO 2001078699
PRAI DE 2000-10018401 20000413
AN 2002-011919 [02] WPINDEX
AB DE 10018401 A UPAB: 20020109
NOVELTY - A medicament (A) for **treating myocardial** diseases associated with **hypertrophy** contains a bradycardic agent (I) and optionally another cardiac drug (II).
ACTIVITY - Cardiant.
In tests in a cat having severe **hypertrophic** cardiomyopathy, oral administration of **cilobradine** (Ia) twice daily at 0.3 mg/kg marked reduced the clinical symptoms (e.g. by reducing pain and normalizing the ECG) and also caused regression of the **myocardial hypertrophy** after 1 and 2 years.
MECHANISM OF ACTION - Calcium ion channel blocker; beta -receptor blocker; if channel blocker.
USE - (A) is used for **treating myocardial** diseases associated with **hypertrophy** (claimed), especially idiopathic **hypertrophic** cardiomyopathy such as **hypertrophy** of the remaining myocardium after cardiac infarction, ischemic cardiomyopathy, valve-associated **hypertrophy** of the myocardium or myocarditis due to toxic or iatrogenic effects.
ADVANTAGE - As well as alleviating the clinical symptoms, (A) causes regression of the above severe heart conditions. if Channel blockers (I) inhibit rebound increase in cardiac frequency, and have a synergistic effect in combination with (II).
Dwg.0/0

=> dis hist

(FILE 'HOME' ENTERED AT 10:58:30 ON 24 NOV 2003)

FILE 'APOLLIT, BABS, CAPLUS, CBNB, CEN, CIN, DISSABS, EMA, IFIPAT, JICST-EPLUS, PASCAL, PLASNEWS, PROMT, RAPRA, SCISEARCH, TEXTILETECH, USPATFULL, USPAT2, WPINDEX, WTEXTILES' ENTERED AT 10:58:43 ON 24 NOV 2003

L1 137326 S HYPERTROP?
L2 26539 S L1 AND MYOCARDIAL
L3 9880 S L2 AND TREAT?
L4 1370 S L3 AND (CALCIUM(W)CHANNEL OR BETA(W)BLOCKER OR I(W)CHANNEL)
L5 804 S L4 AND PHARMACEUTICAL
L6 3 S L5 AND (ZATEBRADINE OR CILOBRADINE OR ALINIDINE)

FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 11:03:32 ON 24 NOV 2003

L7 0 S L1 AND L2 AND L3 AND L4 AND L5 AND L6

FILE 'APOLLIT, BABS, CAPLUS, CBNB, CEN, CIN, DISSABS, EMA, IFIPAT, JICST-EPLUS, PASCAL, PLASNEWS, PROMT, RAPRA, SCISEARCH, TEXTILETECH, USPATFULL, USPAT2, WPINDEX, WTEXTILES' ENTERED AT 11:04:48 ON 24 NOV 2003

L8 5 S L3 AND (ZATEBRADINE OR CILOBRADINE OR ALINIDINE)

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	42.68	116.48

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	-0.65	-0.65

STN INTERNATIONAL LOGOFF AT 11:06:31 ON 24 NOV 2003

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sss1623pta

PASSWORD:

LOGINID/PASSWORD REJECTED

The loginid and/or password sent to STN were invalid.
You either typed them incorrectly, or line noise may
have corrupted them.

Do you wish to retry the logon?

Enter choice (y/N):

Connecting via Winsock to STN

LOGINID:

ssspta1623kxg

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1623kxg

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1623kxg

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *